Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 01 Jan 2023 until 23:59 on Monday 02 Jan 2023

Forecast Issued on Sunday 01 Jan 2023 at 03:33

Confidence: High for a generally unsettled and often mild start to the New Year, and for best conditions likely to be on Monday, Although summits still chilly at times. Lower for details regarding cloud and timing of precipitation, especially Tuesday onward.

Headline for Sunday 01 Jan 2023: Sunny spells and showers. Strong winds easing.

Mountain weather hazards on Sunday 01 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Heavy rain showers	Light rain showers	Cloudy	Cloudy
Precipitation probability					
30%	30%	30%	20%	20%	10%

Forecast for Sunday 01 Jan 2023

Weather: A mix of brief sunny spells and occasional showers, heavy and perhaps thundery at times with a chance of hail. Showers easing towards midnight, becoming both lighter and increasingly isolated.

Chance of cloud-free hill tops above 600m: 90% in east and 70% in west

Low cloud and visibility: Periods of cloud expected above 600m during the day, perhaps lowering to cover routes above 500m with any showers. Away from cloud visibility generally good or very good falling to several kilometres in heavier showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Sunday 01 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	28/35 SW	25/32 SW	23/31 SW	20/29 SW	20/28 SW	20/28 SW	19/27 SW
300	20/28 SW	19/25 SW	17/25 SW	16/24 S	15/25 SW	14/23 SW	14/23 SW
Valley	10/25 SW	10/23 SW	10/24 S	9/23 S	10/24 SW	9/22 SW	9/21 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-3	3/-3	4/-2	4/-1	4/-2	3/-2	3/-3
300	6/1	5/0	6/2	7/3	6/2	6/2	5/1
Valley	6/3	6/3	7/4	7/4	6/3	6/3	5/2
Freezing Level*	1100m	1100m	1100m	1100m	1100m	1100m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong winds across the tops at first. These gradually easing through the day, but still feeling cold in the brisk winds,

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 01 Jan 2023	23.8mm	27.8mm	28.2mm

Forecast for Monday 02 Jan 2023

Weather: Mainly dry with long clear spells through the early hours, perhaps the odd shower, but less frequent than on Sunday. A largely dry but colder day follows with long sunny periods. Staying dry with clear spells during the evening, although winds strengthening by midnight.

Maximum wind: Westerly 10-20mph, then gradually backing during the afternoon to southerly 20-30mph by dusk.

Chance of cloud-free hill tops above 600m: 80% at first, becoming near 100% by mid-morning.

Low cloud and visibility: The odd patch of cloud could obscure a few routes and tops above 600m at first, but soon lifting above summits. Otherwise visibility very good throughout.

Temperature: **Valleys:** Plus 1 Celsius rising to Plus 8 Celsius.
At 600m: Plus 1 Celsius
Freezing level: Above the summits.

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